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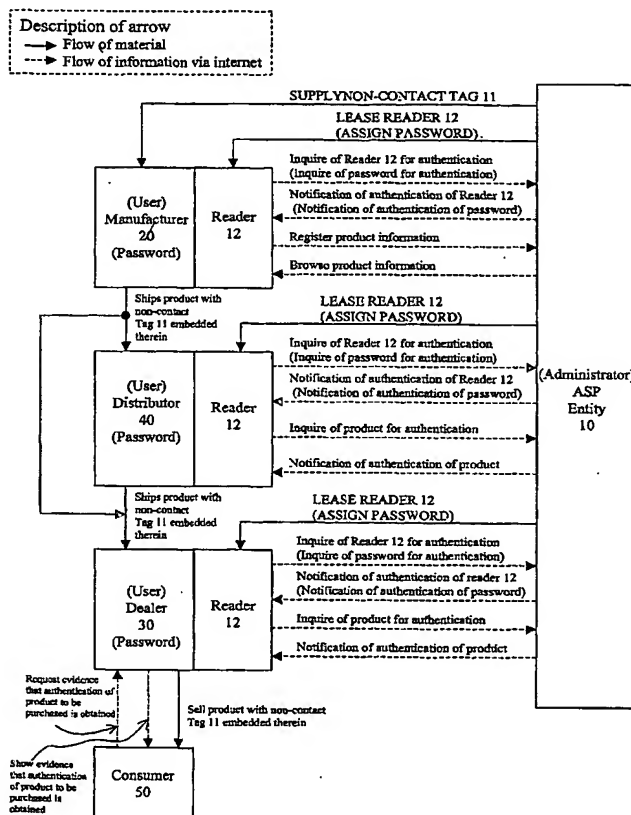
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[Continued on next page]

(54) Title: **PRODUCT AUTHENTICATION SYSTEM FOR PREVENTING DISTRIBUTION OF COUNTERFEITS IN MARKET**



(57) Abstract: By means of preventing counterfeits on the market from entering a distribution channel, the benefit of manufacturers, dealers, distributors, and consumers forming the distribution channel. First, a data server reads ID data of a non-contact tag (11) and of a reader (12), creates data files thereof, and stores the data files in a database. The reader (12) connected to the Internet reads its own ID data and sends it to an authentication server. The authentication server checks the received ID data of the reader (12) against the data file of the reader (12) stored in the database. If the two are identical, the reader is authenticated. The authenticated reader (12) reads the ID data of the non-contact tag (11) embedded in a product and sends it to the authentication server. The authentication server checks the received ID data of the non-contact tag (11) against the data file of the non-contact tag stored in the database. If, as a result, the two are identical, the non-contact tag is authenticated. The product authentication system is administered and operated by an application service provider (ASP) entity (10).



GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 341810 A (KIBE TORU; OKADA TAIKICHI), 11 December 2001 (2001-12-11) abstract	1,6
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) & JP 2000 011114 A (HITACHI LTD), 14 January 2000 (2000-01-14) abstract	1,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2001341810	A	11-12-2001	NONE
JP 2000011114	A	14-01-2000	NONE